

What's a Text Block?

A Text Block is just a special format for **multi-line** String literals.

It's simply a **String**, with a new representation in the source code.

It became part of the official language as of **JDK 15**.

Some Common Escape Sequences

An escape sequence starts with a backslash. Java has several, but the most common ones, are shown on this slide.

These can insert a tab, a newline, a double quote character, or a backslash character if you need it, in your text.

Escape Sequence	Description
<code>\t</code>	Insert a tab character.
<code>\n</code>	Insert a new line character.
<code>\"</code>	Insert a double quote character.
<code>\\</code>	Insert a backslash character.

Format Specifiers

At their most complex, format specifiers take the form shown here.

`%[argument_index$][flags][width][.precision]conversion`

They start with a percent sign, and end with a conversion symbol, and have lots of options in between.

We've looked at one conversion type, **d**, which is the symbol used for a decimal integer value.